

GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 14, 2006, 17:28:30 ; Search time 54.0255 Seconds
(without alignments)
281.577 Million cell updates/sec

Title: US-10-077-438-1

Perfect score: 964

Sequence: 1 MLQWAGCQSQNEYFDSLHHA.....CKSLPAALSATEIEKISAR 184

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 40 summaries

Database : Issued Patents AA:*

- 1: /cgn2_6/ptodata/1/iaa/5_COMB.pep.*
- 2: /cgn2_6/ptodata/1/iaa/6_COMB.pep.*
- 3: /cgn2_6/ptodata/1/iaa/H_COMB.pep.*
- 4: /cgn2_6/ptodata/1/iaa/PCrUS_COMB.pep.*
- 5: /cgn2_6/ptodata/1/iaa/RE_COMB.pep.*
- 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	964	100.0	184	2	US-09-565-423-11
2	964	100.0	192	2	US-09-949-016-11115
3	950	98.5	181	2	US-09-854-864-5
4	572	59.3	185	2	US-09-565-423-17
5	572	59.3	185	2	US-09-854-864-11
6	323	33.5	58	2	US-09-854-864-21
7	311.5	32.3	117	2	US-09-854-864-12
8	286	29.7	283	2	US-09-854-864-9
9	284	29.5	51	2	US-09-854-864-6
10	201	20.9	34	2	US-09-854-864-7
11	201	20.9	81	2	US-09-854-864-13
12	187	19.4	281	2	US-09-854-864-10
13	104	10.8	21	2	US-09-854-864-8
14	79.5	8.2	1009	1	US-08-357-642A-1
15	79.5	8.2	1009	1	US-08-460-626-1
16	79.5	8.2	1014	2	US-09-949-016-11533
17	78.5	8.1	293	1	US-08-810-572A-2
18	78.5	8.1	293	2	US-09-290-333-2
19	78.5	8.1	293	2	US-09-782-857A-2
20	78.5	8.1	293	2	US-09-879-919-22
21	78.5	8.1	293	2	US-09-848-295-4
22	78.5	8.1	293	2	US-09-854-864-14
23	76	7.9	744	1	US-08-173-481-2
24	75	7.8	857	1	US-07-717-331F-2
25	73.5	7.6	307	2	US-09-583-110-2671
26	73.5	7.6	312	2	US-09-107-433-2965
27	71.5	7.4	835	2	US-09-489-039A-8740

28	71	7.4	333	2	US-09-328-352-6022	Sequence 6022, Ap
29	70.5	7.3	154	2	US-09-232-160-18	Sequence 18, Appl
30	70.5	7.3	397	2	US-09-854-864-18	Sequence 18, Appl
31	70.5	7.3	467	2	US-09-902-540-11298	Sequence 11298, A
32	70	7.3	180	2	US-09-780-717-11	Sequence 11, Appl
33	70	7.3	182	2	US-09-780-717-44	Sequence 44, Appl
34	69.5	7.2	59	2	US-09-854-864-20	Sequence 20, Appl
35	69.5	7.2	166	1	US-08-810-572A-6	Sequence 6, Appl
36	69.5	7.2	166	2	US-09-290-333-6	Sequence 6, Appl
37	69.5	7.2	166	2	US-09-782-857A-6	Sequence 6, Appl
38	69.5	7.2	166	2	US-09-854-864-15	Sequence 15, Appl
39	69.5	7.2	217	2	US-09-252-991A-30641	Sequence 30641, A
40	69.5	7.2	224	2	US-09-465-901-30	Sequence 30, Appl
41	69.5	7.2	353	2	US-09-328-352-5429	Sequence 5429, Ap
42	69.5	7.2	942	2	US-09-695-481-2	Sequence 2, Appl
43	69.5	7.2	1043	2	US-09-695-481-6	Sequence 6, Appl
44	69.5	7.2	1180	2	US-08-660-148-2	Sequence 2, Appl
45	69.5	7.2	1212	2	US-08-660-148-5	Sequence 5, Appl

ALIGNMENTS

RESULT 1
US-09-565-423-11
; Sequence 11, Application US/09565423
; Patent No. 6475987
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Bing
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 2879-72
; CURRENT APPLICATION NUMBER: US/09/565,423
; CURRENT FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 11
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-565-423-11

Query Match	100.0%;	Score 964;	DB 2;	Length 184;
Best Local Similarity	100.0%;	Pred. No. 9.4e-104;		
Matches 184;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
Qy	1	MLQWAGCQSQNEYFDSLHHA	IPCLRCSSNTPPLTCQRYCNASVTNSVKG	TNAILWTCL 60
Db	1	MLQWAGCQSQNEYFDSLHHA	IPCLRCSSNTPPLTCQRYCNASVTNSVKG	TNAILWTCL 60
Qy	61	GLSLIIISLAVFLMFLLRKISSEPLKDE	FKNTGSLGGMANIDLEKSR	TGDEIILPRGLE 120
Db	61	GLSLIIISLAVFLMFLLRKISSEPLKDE	FKNTGSLGGMANIDLEKSR	TGDEIILPRGLE 120
Qy	121	YTVSECTCEPICSKPKVDS	SDHCFPLPAMEGATILVT	TKTNDYCKSLPAALSATEIEKS 180
Db	121	YTVSECTCEPICSKPKVDS	SDHCFPLPAMEGATILVT	TKTNDYCKSLPAALSATEIEKS 180
Qy	181	ISAR 184		
Db	181	ISAR 184		

RESULT 2
US-09-949-016-11115
; Sequence 11115, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.

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; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; PRIOR FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: 207012
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11115
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11115
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Query Match      100.0%; Score 964; DB 2; Length 192;
Best Local Similarity 100.0%; Pred. No. 1e-103;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQAGCQNEFYDLSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 9 MLQAGCQNEFYDLSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 68
QY 61 GLSLIISLAVFVLMFLRLKRISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
DB 69 GLSLIISLAVFVLMFLRLKRISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 128
QY 121 YTVECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
DB 129 YTVECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 188
QY 181 ISAR 184
DB 189 ISAR 192
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RESULT 3
US-09-854-864-5
; Sequence 5, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-5
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Query Match      98.5%; Score 950; DB 2; Length 181;
Best Local Similarity 100.0%; Pred. No. 3.9e-102;
Matches 181; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 MAGQCQNEFYDLSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCLGLS 63
DB 1 MAGQCQNEFYDLSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCLGLS 60
QY 64 LIISLAVFVLMFLRLKRISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 123
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DB 61 LIISLAVFVLMFLRLKRISSSEPLKDEFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 124 EECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKSISA 183
DB 121 EECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKSISA 180
QY 184 R 184
DB 181 R 181

RESULT 4
US-09-565-423-17
; Sequence 17, Application US/09565423
; Patent No. 6475987
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Bing
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; FILE REFERENCE: METHODS OF USE THEREOF
; FILE REFERENCE: 2879-72
; CURRENT APPLICATION NUMBER: US/09/565,423
; CURRENT FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 185
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-565-423-17
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Query Match      59.3%; Score 572; DB 2; Length 185;
Best Local Similarity 62.8%; Pred. No. 3.2e-58;
Matches 117; Conservative 21; Mismatches 41; Indels 8; Gaps 4;

QY 4 MAGQCQNEFYDLSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCLGLS 63
DB 1 MAQCQFHFSEFYDLSLHACIPKCHLRCSN--PPATCQPYCDPSTVSSVKGTYTVLWIFLGLT 58
QY 64 LIISLAVFVLMFLRLKRISSSEPLKDEFKN-----TGSGLLGMANIDLEKSRGTDEIILPRGL 119
DB 59 LVLSLALFTTISFLRLKRNPEALKDEPQSQQLDGSQAQLDKADTELTRAGDDRIFPRSL 118
QY 120 EYTVECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCK-SLPAAL-SATEI 177
DB 119 EYTVECTCEDCVKSPKGDSDHFFPLPAMEEGATILVTTKTNDYCKSVFTALQSVNMG 178
QY 178 EKSISAR 184
DB 179 EKPTHTR 185
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RESULT 5
US-09-854-864-11
; Sequence 11, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
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; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 185
; TYPE: PRT
; ORGANISM: Murine
US-09-854-864-11

Query Match
Best Local Similarity 59.3%; Score 572; DB 2; Length 185;
Matches 117; Conservative 21; Mismatches 41; Indels 8; Gaps 4;

Qy 4 MAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILMTCLGLS 63
Db 1 MAQCQFSEYFDSLHACKCHLRCSN--PPATCQPCDPSVTSSVKGTYYTVMIFLGLT 58

Qy 64 LIISLAVFVLMFLLRKISSEPLKDEFKN-----TSGLLGMANIDLEKSRGTDEIILPRGL 119
Db 59 LVLSLALFTISFLLRKMNPEALKDPOSPGQDLSAQLDKADTELTRIRAGDDRIFPRSL 118

Qy 120 EYTVVEECTCEBCKSKPKVDSHDCPPLPAMEEGATILVTTKTNDYCK-SLPAAL-SATEI 177
Db 119 EYTVVEECTCEBCKSKPKGSDHDFPLPAMEEGATILVTTKTNDYCKSSVPTALQSVNGM 178

Qy 178 EKSISAR 184
Db 179 EKPHTHR 185

RESULT 6
US-09-854-864-21
; Sequence 21, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 58
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-21

Query Match
Best Local Similarity 33.5%; Score 323; DB 2; Length 58;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILMTCLGLSLI 65
Db 1 CSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILMTCLGLSLI 58

RESULT 7
US-09-854-864-12
; Sequence 12, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11

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; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 117
; TYPE: PRT
; ORGANISM: human-murine Consensus
US-09-854-864-12

Query Match
Best Local Similarity 32.3%; Score 311.5; DB 2; Length 117;
Matches 96; Conservative 4; Mismatches 7; Indels 49; Gaps 19;

Qy 9 SQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILMTCLGLSLIISL 68
Db 2 AQCEYFDSLHAC-PC-LRCS---PPTCQ-YC-SVT-SVKGT---LW--LGL---LSL 43

Qy 69 AVFVLMFLLRKISSEPLKDEFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLEIYTVVEECTC 128
Db 44 A-----FLLRK-----ELKDE-----GSLAL-----RGD-----IPR-LEYTVVEECTC 76

Qy 129 EDCIKSKPKVDSHDCPPLPAMEEGATILVTTKTNDY 164
Db 77 EDC-KSKPK-KSDH-FPLPAMEEGATILVTTKT-DY 108

RESULT 8
US-09-854-864-9
; Sequence 9, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 283
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-9

Query Match
Best Local Similarity 29.7%; Score 286; DB 2; Length 283;
Matches 80; Conservative 12; Mismatches 47; Indels 74; Gaps 7;

Qy 4 MAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILMTCLGLS 63
Db 1 MAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGNTNAILMTCLGLS 51

Qy 64 LIISLAVFVLMFLLRKISSEPLKDEFKNTGSG-----LIGMANIDLEKSRGT 110
Db 52 -----GGGGGDKTKTCCPCPAPELLGGPSVFLFPPKPK 84

Qy 111 DEIILPRGLEIYTVVEECTCEBCKSKPKVDS-----HCFPLPAME-----GATIL 156
Db 85 DTLMISTPEVT---CVVDVSHEDPEVKFWYDGVGVHNAKTPREEQVNSYRVSV 141

Qy 157 VTTKTNDY-----CKSLPAALSATEIEKSI 182
Db 142 LTVLHQDWLNGKEYKCKVSNKALPA-PIEKTIS 173

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US-09-854-864-8
; Sequence 8, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE REFERENCE: BLYS/AGP-3, AND TACI
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 8
; LENGTH: 21
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-8

Query Match 10.8%; Score 104; DB 2; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.3e-05;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 55 ILWTCGLSLIISLAVFVLMF 75
Db 1 ILWTCGLSLIISLAVFVLMF 21

RESULT 14
US-08-357-642A-1
; Sequence 1, Application US/08357642A
; Patent No. 5837524
; GENERAL INFORMATION:
; APPLICANT: Sima Lev
; TITLE OF INVENTION: PYK2 RELATED PRODUCTS
; TITLE OF INVENTION: AND METHODS
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/357,642A
; FILING DATE: December 15, 1994
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/070
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 1009
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-357-642A-1

Query Match 8.2%; Score 79.5; DB 1; Length 1009;
Best Local Similarity 32.1%; Pred. No. 5.9;
Matches 25; Conservative 9; Mismatches 29; Indels 15; Gaps 3;
Qy 88 EFKNTGSGLLGMANIDLEKSR-----TGDEIILPRGLETVVECTCEDCIKSPKV 138
Db 249 KFFNT---LAGFANIDQETRYCELIQGNWITVDLVIGPKGIRQLTSQDAKPTCLAEFKQI 305
Qy 139 DSDHCFPLPAMEGATIL 156
Db 306 RSIRCLPL---EKGQAVL 320

RESULT 15
US-08-460-626-1
; Sequence 1, Application US/08460626
; Patent No. 5837815
; GENERAL INFORMATION:
; APPLICANT: SIMA LEV
; APPLICANT: JOSEPH SCHLESSINGER
; TITLE OF INVENTION: PYK-2 RELATED PRODUCTS AND
; TITLE OF INVENTION: METHODS
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/460,626
; FILING DATE: June 2, 1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/357,642
; FILING DATE: December 15, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 211/121
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1009
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-08-460-626-1

Query Match 8.2%; Score 79.5; DB 1; Length 1009;
Best Local Similarity 32.1%; Pred. No. 5.9;
Matches 25; Conservative 9; Mismatches 29; Indels 15; Gaps 3;
Qy 88 EFKNTGSGLLGMANIDLEKSR-----TGDEIILPRGLETVVECTCEDCIKSPKV 138

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Db      249 KFFNT---LAGFANIDQETRCCELIQGNITVDLVIGPKGIRQLTSQDAKPTCLAEPKQI 305
Qy      139 DSDHCFELPAMEGATIL 156
Db      306 RSIRCLPL---EEGQAVL 320
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Search completed: February 14, 2006, 17:30:15
Job time : 55.0255 secs

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OM protein - protein search, using sw model

Run on: February 15, 2006, 09:58:15 ; Search time 92.3915 Seconds
(without alignments)
832.118 Million cell updates/sec

Title: US-10-077-438-1

Perfect score: 964
Sequence: 1 MLQAGQCSQNEYFDSLHA.....CKSLPAALSATEIEKSISAR 184

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA Main:
1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	964	100.0	184	4	US-10-077-438-1
2	964	100.0	184	4	US-10-077-438-7
3	964	100.0	184	4	US-10-077-137-1
4	964	100.0	184	4	US-10-077-137-7
5	964	100.0	184	4	US-10-068-725-2
6	964	100.0	184	4	US-10-151-882-47
7	964	100.0	184	4	US-10-115-192-8
8	964	100.0	184	4	US-10-008-063-7
9	964	100.0	184	4	US-10-152-363A-27
10	964	100.0	184	4	US-10-216-074-11
11	964	100.0	184	4	US-10-087-080-39
12	964	100.0	184	4	US-10-742-634-9
13	964	100.0	184	5	US-10-626-914-6
14	964	100.0	184	5	US-10-485-489-6
15	964	100.0	184	5	US-10-861-049-27
16	964	100.0	184	5	US-10-989-826-46
17	964	100.0	184	6	US-11-021-874-27
18	950	98.5	181	3	US-09-854-864-5
19	950	98.5	181	3	US-09-855-158-5
20	572	59.3	185	3	US-09-854-864-11
21	572	59.3	185	3	US-09-855-158-11
22	572	59.3	185	4	US-10-216-074-17
23	323	33.5	58	3	US-09-854-864-21
24	323	33.5	58	3	US-09-855-158-21
25	311.5	32.3	117	3	US-09-854-864-12
26	311.5	32.3	117	3	US-09-855-158-12
27	286.5	29.7	302	4	US-10-115-192-12

28	286	29.7	283	3	US-09-854-864-9	Sequence 9, Appli
29	286	29.7	283	3	US-09-855-158-9	Sequence 9, Appli
30	284	29.5	51	3	US-09-854-864-6	Sequence 6, Appli
31	284	29.5	51	3	US-09-855-158-6	Sequence 6, Appli
32	264	27.4	207	4	US-10-077-438-3	Sequence 3, Appli
33	264	27.4	207	4	US-10-077-137-3	Sequence 3, Appli
34	201	20.9	34	3	US-09-854-864-7	Sequence 7, Appli
35	201	20.9	34	3	US-09-855-158-7	Sequence 7, Appli
36	201	20.9	81	3	US-09-854-864-13	Sequence 13, Appli
37	201	20.9	81	3	US-09-855-158-13	Sequence 13, Appli
38	187	19.4	281	3	US-09-854-864-10	Sequence 10, Appli
39	187	19.4	281	3	US-09-855-158-10	Sequence 10, Appli
40	158	16.4	42	4	US-10-145-206-197	Sequence 197, App
41	116.5	12.1	175	4	US-10-008-063-13	Sequence 13, Appli
42	116.5	12.1	175	4	US-10-380-703-9	Sequence 9, Appli
43	116.5	12.1	175	4	US-10-469-420-1	Sequence 1, Appli
44	116.5	12.1	175	5	US-10-485-489-18	Sequence 18, Appli
45	116.5	12.1	175	5	US-10-861-049-35	Sequence 35, Appli

ALIGNMENTS

RESULT 1
US-10-077-438-1
; Sequence 1, Application US/10077438
; Publication No. US20020165156A1
; GENERAL INFORMATION:
; APPLICANT: Mackay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschoep, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; FILE REFERENCE: Immunoregulatory Agent
; CURRENT APPLICATION NUMBER: US/10/077,438
; CURRENT FILING DATE: 2002-02-18
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-438-1

Query Match	100.0%	Score 964;	DB 4;	Length 184;
Best Local Similarity	100.0%	Pred. No. 2.6e-90;		
Matches 184;	Conservative	0;	Mismatches	0;
Indels	0;	Gaps	0;	
Qy	1	MLQAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGTNAILWTCL	60	
Db	1	MLQAGQCSQNEYFDSLHACIPCOLRCSNTPLTCORYCNASVTNSVKGTNAILWTCL	60	
Qy	61	GLSLIISLAVFLVFLFKISSEPLKDFQNTGSGLLGMANIDLEKSTGDEIILPRGLE	120	
Db	61	GLSLIISLAVFLVFLFKISSEPLKDFQNTGSGLLGMANIDLEKSTGDEIILPRGLE	120	
Qy	121	YTVRECTEDCICKSKPKVDSHCPPLPAMEGATILVTTKTNDYCKSLPALSAATEIEKS	180	
Db	121	YTVRECTEDCICKSKPKVDSHCPPLPAMEGATILVTTKTNDYCKSLPALSAATEIEKS	180	
Qy	181	ISAR 184		

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Db      181 ISAR 184

RESULT 2
US-10-077-438-7
; Sequence 7, Application US/10077438
; Publication No. US20020165156A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,438
; CURRENT FILING DATE: 2002-02-18
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-438-7

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db      1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy      61 GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE 120
Db      61 GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE 120
Qy      121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db      121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy      181 ISAR 184
Db      181 ISAR 184

RESULT 4
US-10-077-137-7
; Sequence 7, Application US/10077137
; Publication No. US20020172674A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,137
; CURRENT FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-137-7

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db      1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Qy      61 GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE 120
Db      61 GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSLGGMANIDLEKSRGTGDEIILPRGLE 120
Qy      121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db      121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy      181 ISAR 184
Db      181 ISAR 184

RESULT 3
US-10-077-137-1
; Sequence 1, Application US/10077137
; Publication No. US20020172674A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,137
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Db      1  MLQWAGCQSQNEYFDSLHLHACIPCOLRCSSNTPPLTCQRYCNASVTNSVKGNTNAILWTCL 60
Qy      61  GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db      61  GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy      121  YTVECTCEDCICKSPKVDSDHCPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db      121  YTVECTCEDCICKSPKVDSDHCPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy      181  ISAR 184
Db      181  ISAR 184
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RESULT 5
US-10-068-725-2
; Sequence 2, Application US/10068725
; Publication No. US20030012783A1
; GENERAL INFORMATION:
; APPLICANT: Kindevogel, Wayne
; TITLE OF INVENTION: Antibodies That Bind Both BCMA and TACI
; FILE REFERENCE: 01-04
; CURRENT APPLICATION NUMBER: US/10/068,725
; CURRENT FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: 60/270,274
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/283,447
; PRIOR FILING DATE: 2001-04-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-068-725-2
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Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MLQWAGCQSQNEYFDSLHLHACIPCOLRCSSNTPPLTCQRYCNASVTNSVKGNTNAILWTCL 60
Db      1  MLQWAGCQSQNEYFDSLHLHACIPCOLRCSSNTPPLTCQRYCNASVTNSVKGNTNAILWTCL 60
Qy      61  GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db      61  GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy      121  YTVECTCEDCICKSPKVDSDHCPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db      121  YTVECTCEDCICKSPKVDSDHCPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy      181  ISAR 184
Db      181  ISAR 184
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RESULT 6
US-10-151-882-47
; Sequence 47, Application US/10151882
; Publication No. US20030059862A1
; GENERAL INFORMATION:
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Antibodies Against Tumor Necrosis Factor Delta (APRIL)
; FILE REFERENCE: PF554
; CURRENT APPLICATION NUMBER: US/10/151,882
; CURRENT FILING DATE: 2002-05-22
; PRIOR APPLICATION NUMBER: 60/293,100
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.0
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; SEQ ID NO 47
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-151-882-47

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MLQWAGCQSQNEYFDSLHLHACIPCOLRCSSNTPPLTCQRYCNASVTNSVKGNTNAILWTCL 60
Db      1  MLQWAGCQSQNEYFDSLHLHACIPCOLRCSSNTPPLTCQRYCNASVTNSVKGNTNAILWTCL 60
Qy      61  GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db      61  GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy      121  YTVECTCEDCICKSPKVDSDHCPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db      121  YTVECTCEDCICKSPKVDSDHCPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy      181  ISAR 184
Db      181  ISAR 184
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RESULT 7
US-10-115-192-8
; Sequence 8, Application US/10115192
; Publication No. US20030082175A1
; GENERAL INFORMATION:
; APPLICANT: Apotech R & D S.A.
; APPLICANT: Biogen, Inc.
; TITLE OF INVENTION: April Receptor (BCMA) and Uses Thereof
; FILE REFERENCE: A083PCT
; CURRENT APPLICATION NUMBER: US/10/115,192
; CURRENT FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: 60/215688
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 60/181807
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/157933
; PRIOR FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-115-192-8
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Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MLQWAGCQSQNEYFDSLHLHACIPCOLRCSSNTPPLTCQRYCNASVTNSVKGNTNAILWTCL 60
Db      1  MLQWAGCQSQNEYFDSLHLHACIPCOLRCSSNTPPLTCQRYCNASVTNSVKGNTNAILWTCL 60
Qy      61  GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Db      61  GLSLIISLAVFVLMFLLRKISSEPLKDFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE 120
Qy      121  YTVECTCEDCICKSPKVDSDHCPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db      121  YTVECTCEDCICKSPKVDSDHCPPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Qy      181  ISAR 184
Db      181  ISAR 184
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RESULT 8
US-10-008-063-7
; Sequence 7, Application US/10008063
; Publication No. US20030092164A1
; GENERAL INFORMATION:
; APPLICANT: Groes, Jane A.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Henne, Randal M.
; APPLICANT: Grant, Francis, J.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor
; FILE REFERENCE: 00-103
; CURRENT APPLICATION NUMBER: US/10/008,063
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-008-063-7

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTVSVKGTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTVSVKGTNAILWTCL 60
QY 61 GLSLIISLAVFVLMFLRLKISSBPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
DB 61 GLSLIISLAVFVLMFLRLKISSBPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
DB 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184

RESULT 9
US-10-152-363A-27
; Sequence 27, Application US/10152363A
; Publication No. US20030103986A1
; GENERAL INFORMATION:
; APPLICANT: Rixon, Mark W.
; APPLICANT: Groes, Jane A.
; TITLE OF INVENTION: TAC1-Immunoglobulin Fusion Proteins
; FILE REFERENCE: 01-20
; CURRENT APPLICATION NUMBER: US/10/152,363A
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 60/293,343
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-152-363A-27

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTVSVKGTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTVSVKGTNAILWTCL 60
QY 61 GLSLIISLAVFVLMFLRLKISSBPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
DB 61 GLSLIISLAVFVLMFLRLKISSBPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
DB 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184

RESULT 10
US-10-216-074-11
; Sequence 11, Application US/10216074
; Publication No. US20030148445A1
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Bing
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 2879-72
; CURRENT APPLICATION NUMBER: US/10/216,074
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/565,423
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-216-074-11

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTVSVKGTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTVSVKGTNAILWTCL 60
QY 61 GLSLIISLAVFVLMFLRLKISSBPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
DB 61 GLSLIISLAVFVLMFLRLKISSBPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
DB 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184

RESULT 11
US-10-087-080-39
; Sequence 39, Application US/10087080
; Publication No. US20030235820A1
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Markowitz, Sanford David
; APPLICANT: Eos Biotechnology, Inc.
; APPLICANT: Case Western Reserve University
; TITLE OF INVENTION: No. US20030235820A1e1 Methods of Diagnosis of Metastatic Colorectal
; TITLE OF INVENTION: Cancer, Compositions and Methods of Screening for
; FILE REFERENCE: 018501-000840US
; CURRENT APPLICATION NUMBER: US/10/087,080
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/272,206
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DB 61 GLSLIISLAVFVLMFLRLKISSBPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
DB 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184

RESULT 10
US-10-216-074-11
; Sequence 11, Application US/10216074
; Publication No. US20030148445A1
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Bing
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; TITLE OF INVENTION: METHODS OF USE THEREOF
; FILE REFERENCE: 2879-72
; CURRENT APPLICATION NUMBER: US/10/216,074
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/565,423
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-216-074-11

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTVSVKGTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTVSVKGTNAILWTCL 60
QY 61 GLSLIISLAVFVLMFLRLKISSBPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
DB 61 GLSLIISLAVFVLMFLRLKISSBPLKDFKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
DB 121 YTVEECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184

RESULT 11
US-10-087-080-39
; Sequence 39, Application US/10087080
; Publication No. US20030235820A1
; GENERAL INFORMATION:
; APPLICANT: Mack, David H.
; APPLICANT: Markowitz, Sanford David
; APPLICANT: Eos Biotechnology, Inc.
; APPLICANT: Case Western Reserve University
; TITLE OF INVENTION: No. US20030235820A1e1 Methods of Diagnosis of Metastatic Colorectal
; TITLE OF INVENTION: Cancer, Compositions and Methods of Screening for
; FILE REFERENCE: 018501-000840US
; CURRENT APPLICATION NUMBER: US/10/087,080
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: US 60/272,206
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; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: US 60/281,149
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 60/284,555
; PRIOR FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 39
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: tumor necrosis factor receptor superfamily, member
; OTHER INFORMATION: 17 (TNFRSF17)
US-10-087-080-39

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90; Mismatches 0; Indels 0; Gaps 0;
Matches 184; Conservative 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
DB 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
QY 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
DB 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

RESULT 12
US-10-742-634-9
; Sequence 9, Application US/10742634
; Publication No. US20040208924A1
; GENERAL INFORMATION:
; APPLICANT: Parmelee, David
; APPLICANT: Yeh, Ren-Hwa
; APPLICANT: Galperina, Olga
; APPLICANT: Hilbert, David
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Neutrokin-alpha Conjugate, Neutrokin-alpha Complex, and Uses Th
; FILE REFERENCE: 1488.1810002
; CURRENT FILING DATE: 2003-12-22
; PRIOR APPLICATION NUMBER: US/10742,634
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/435,262
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/467,198
; PRIOR FILING DATE: 2003-05-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90; Mismatches 0; Indels 0; Gaps 0;
Matches 184; Conservative 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
DB 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
QY 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
DB 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90; Mismatches 0; Indels 0; Gaps 0;
Matches 184; Conservative 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
DB 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
QY 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
DB 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90; Mismatches 0; Indels 0; Gaps 0;
Matches 184; Conservative 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
DB 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
QY 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
DB 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90; Mismatches 0; Indels 0; Gaps 0;
Matches 184; Conservative 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
DB 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
QY 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
DB 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90; Mismatches 0; Indels 0; Gaps 0;
Matches 184; Conservative 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
DB 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
QY 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
DB 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90; Mismatches 0; Indels 0; Gaps 0;
Matches 184; Conservative 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
DB 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
QY 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
DB 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90; Mismatches 0; Indels 0; Gaps 0;
Matches 184; Conservative 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
DB 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
QY 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
DB 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90; Mismatches 0; Indels 0; Gaps 0;
Matches 184; Conservative 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
DB 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
DB 61 GLSLIISLAVFLMFLRLKISSSEPLKDDEFKNTGSGLLGMANIDLEKSRTGDEIILPRGLE 120
QY 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
DB 121 YTVVECTCEDCIKSKPKVDSDHCFFLPAMEEGATILVTTKTNDYCKSLPAALSATIEKS 180
QY 181 ISAR 184
DB 181 ISAR 184
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match      100.0%; Score 964; DB 4; Length 184;
Best Local Similarity 100.0%; Pred
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; PRIOR FILING DATE: 2002-04-30
; NUMBER OF SEQ ID NOS: 19
; SEQ ID NO 6
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-485-489-6

Query Match      100.0%; Score 964; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 121 YTVBECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVBECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
QY 181 ISAR 184
Db 181 ISAR 184

RESULT 15
US-10-861-049-27
; Sequence 27, Application US/10861049
; Publication No. US20050095243A1
; GENERAL INFORMATION:
; APPLICANT: Andrew Chan
; APPLICANT: Qian Gong
; TITLE OF INVENTION: COMBINATION THERAPY FOR B CELL DISORDERS
; FILE REFERENCE: P2040R1US
; CURRENT APPLICATION NUMBER: US/10/861,049
; CURRENT FILING DATE: 2004-06-04
; PRIOR FILING DATE: 2003-06-06
; PRIOR FILING DATE: 2003-06-05
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 27
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-861-049-27

Query Match      100.0%; Score 964; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 121 YTVBECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVBECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
QY 181 ISAR 184
Db 181 ISAR 184

; PRIOR FILING DATE: 2002-04-30
; NUMBER OF SEQ ID NOS: 19
; SEQ ID NO 6
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-989-826-46

Query Match      100.0%; Score 964; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 121 YTVBECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVBECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
QY 181 ISAR 184
Db 181 ISAR 184

RESULT 16
US-10-989-826-46
; Sequence 46, Application US/10989826
; Publication No. US20050238650A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Crowley, Craig
; APPLICANT: De Sauvage, Frederic J.
; APPLICANT: Eaton, Daniel L.
; APPLICANT: Ebens, Allen
; APPLICANT: Polson, Andrew
; APPLICANT: Smith, Victoria
; TITLE OF INVENTION: Compositions and Methods for the Treatment of Tumor of
; FILE REFERENCE: P5105R1US
; CURRENT APPLICATION NUMBER: US/10/989,826
; CURRENT FILING DATE: 2004-11-16
; PRIOR FILING DATE: 2003-11-17
; PRIOR FILING DATE: 2003-12-24
; NUMBER OF SEQ ID NOS: 75
; SEQ ID NO 46
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-989-826-46

Query Match      100.0%; Score 964; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-90;
Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
Db 1 MLQWAGCQSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKGTTNAILWTCL 60
QY 61 GLSLIISLAVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
Db 61 GLSLIISLAVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTDEIILPRGLE 120
QY 121 YTVBECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
Db 121 YTVBECTCEDCIKSPKVDSDHCFPLPAMEEGATILVTTKTNDYCKSLPAALSATEIEKS 180
QY 181 ISAR 184
Db 181 ISAR 184

RESULT 17
US-11-021-874-27
; Sequence 27, Application US/11021874
; Publication No. US20050163775A1
; GENERAL INFORMATION:
; APPLICANT: Andrew Chan
; APPLICANT: Qian Gong
; APPLICANT: Flavius Martin
; TITLE OF INVENTION: COMBINATION THERAPY FOR B CELL DISORDERS
; FILE REFERENCE: P2040R1P1
; CURRENT APPLICATION NUMBER: US/11/021,874
; CURRENT FILING DATE: 2004-12-22
; PRIOR FILING DATE: 2004-12-22
; PRIOR FILING DATE: 2004-06-04
; PRIOR FILING DATE: 2004-06-04
; PRIOR FILING DATE: 2003-06-06
; PRIOR FILING DATE: 2003-06-05
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 27
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Db 1 MAQCQFSEYFDSLHACKCHLRCSN--PPATCQPCDPSVTSSVKGTYTVLWIFLGLT 58
Qy 64 LIISLAVFVLMFLLRKISSBPLKDEFKN-----TGSGLLGMANIDLEKSRGTGDEIILPRGL 119
Db 59 LVLSLALFTTISFLLRKNMPEALKDEPQSGQLDGSQAQLDKADTELTRIRAGDDRIFFRSL 118
Qy 120 EYTVVECTCEDCIKSKPKVSDHCFPLPAMEEGATILVTTKTNDYCK-SLPAAL-SATEI 177
Db 119 EYTVVECTCEDCVKSKPKGSDHFFPLPAMEEGATILVTTKTGDYKSSVPTALQSVGM 178
Qy 178 EKSISAR 184
Db 179 EKPTHTR 185

RESULT 21

US-09-855-158-11
; Sequence 11, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BI
; TITLE OF INVENTION: 3, AND TACI
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 185
; TYPE: PRT
; ORGANISM: Murine
US-09-855-158-11

Query Match 59.3%; Score 572; DB 3; Length 185;
Best Local Similarity 62.6%; Pred. No. 3.5e-50;
Matches 117; Conservative 21; Mismatches 41; Indels 8; Gaps 4;
Qy 4 MAGQCSONEYFDSLHACIPCOLRCSNTPLTCQRYCNASVTNSVKGTTNAILWTCIGLS 63
Db 1 MAQCQFSEYFDSLHACKCHLRCSN--PPATCQPCDPSVTSSVKGTYTVLWIFLGLT 58
Qy 64 LIISLAVFVLMFLLRKISSBPLKDEFKN-----TGSGLLGMANIDLEKSRGTGDEIILPRGL 119
Db 59 LVLSLALFTTISFLLRKNMPEALKDEPQSGQLDGSQAQLDKADTELTRIRAGDDRIFFRSL 118
Qy 120 EYTVVECTCEDCIKSKPKVSDHCFPLPAMEEGATILVTTKTNDYCK-SLPAAL-SATEI 177
Db 119 EYTVVECTCEDCVKSKPKGSDHFFPLPAMEEGATILVTTKTGDYKSSVPTALQSVGM 178
Qy 178 EKSISAR 184
Db 179 EKPTHTR 185

RESULT 22

US-10-216-074-17
; Sequence 17, Application US/10216074
; Publication No. US20030148445A1
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Ring
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; FILE REFERENCE: 2879-72
; CURRENT APPLICATION NUMBER: US/10/216,074
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/565,423
; PRIOR FILING DATE: 2000-05-05

; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 185
; TYPE: PRT
; ORGANISM: Mus musculus
US-10-216-074-17

Query Match 59.3%; Score 572; DB 4; Length 185;
Best Local Similarity 62.8%; Pred. No. 3.5e-50;
Matches 117; Conservative 21; Mismatches 41; Indels 8; Gaps 4;

Qy 4 MAGQCSONEYFDSLHACIPCOLRCSNTPLTCQRYCNASVTNSVKGTTNAILWTCIGLS 63
Db 1 MAQCQFSEYFDSLHACKCHLRCSN--PPATCQPCDPSVTSSVKGTYTVLWIFLGLT 58
Qy 64 LIISLAVFVLMFLLRKISSBPLKDEFKN-----TGSGLLGMANIDLEKSRGTGDEIILPRGL 119
Db 59 LVLSLALFTTISFLLRKNMPEALKDEPQSGQLDGSQAQLDKADTELTRIRAGDDRIFFRSL 118
Qy 120 EYTVVECTCEDCIKSKPKVSDHCFPLPAMEEGATILVTTKTNDYCK-SLPAAL-SATEI 177
Db 119 EYTVVECTCEDCVKSKPKGSDHFFPLPAMEEGATILVTTKTGDYKSSVPTALQSVGM 178
Qy 178 EKSISAR 184
Db 179 EKPTHTR 185

RESULT 23

US-09-854-864-21
; Sequence 21, Application US/09854864
; Patent No. US20020081296A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 58
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-21

Query Match 33.5%; Score 323; DB 3; Length 58;
Best Local Similarity 100.0%; Pred. No. 2.5e-25;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CSONEYFDSLHACIPCOLRCSNTPLTCQRYCNASVTNSVKGTTNAILWTCIGLSLI 65
Db 1 CSONEYFDSLHACIPCOLRCSNTPLTCQRYCNASVTNSVKGTTNAILWTCIGLSLI 58

RESULT 24

US-09-855-158-21
; Sequence 21, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG

; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BL
; FILE OF INVENTION: 3, AND TACI
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 58
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-855-158-21

Query Match 33.5%; Score 323; DB 3; Length 58;
Best Local Similarity 100.0%; Pred. No. 2.5e-25;
Matches 58; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 CSONEYFDSLLHACIPCOLRCSNTPLTCORYCNASVTNSVKGTTNAILWTCLGLSLI 65
Db 1 CSONEYFDSLLHACIPCOLRCSNTPLTCORYCNASVTNSVKGTTNAILWTCLGLSLI 58

RESULT 25

US-09-854-864-12
; Sequence 12, Application US/09854864
; Patent No. US20020081296A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; FILE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-686B
; CURRENT APPLICATION NUMBER: US/09/854,864
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 117
; TYPE: PRT
; ORGANISM: human-murine Consensus
US-09-854-864-12

Query Match 32.3%; Score 311.5; DB 3; Length 117;
Best Local Similarity 61.5%; Pred. No. 9.2e-24;
Matches 96; Conservative 4; Mismatches 7; Indels 49; Gaps 19;

QY 9 SONEYFDSLLHACIPCOLRCSNTPLTCORYCNASVTNSVKGTTNAILWTCLGLSLI 68
Db 2 AQCEYFDSLLHAC-PC-LRCS-----PPTCQ-YC--SVT-SVKGT---LW--LGL---LSL 43
QY 69 AVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTGDEIILPRGLEVTVEECTC 128
Db 44 A-----FLLRK-----ELKDE-----GSLAL-----RGD-----IPR-LEYTVVEECTC 76
QY 129 EDCIKSKPKVSDHCFPLPAMEEGATILVTTKTNDY 164
Db 77 EDC-KSKPK-DSDH-FPLPAMEEGATILVTTKT-DY 108

RESULT 26

US-09-855-158-12
; Sequence 12, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE

; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BL
; FILE OF INVENTION: 3, AND TACI
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 117
; TYPE: PRT
; ORGANISM: human-murine Consensus
US-09-855-158-12

Query Match 32.3%; Score 311.5; DB 3; Length 117;
Best Local Similarity 61.5%; Pred. No. 9.2e-24;
Matches 96; Conservative 4; Mismatches 7; Indels 49; Gaps 19;

QY 9 SONEYFDSLLHACIPCOLRCSNTPLTCORYCNASVTNSVKGTTNAILWTCLGLSLI 68
Db 2 AQCEYFDSLLHAC-PC-LRCS-----PPTCQ-YC--SVT-SVKGT---LW--LGL---LSL 43
QY 69 AVFVLMFLLRKISSEPLKDEPKNTGSGLLGMANIDLEKSRGTGDEIILPRGLEVTVEECTC 128
Db 44 A-----FLLRK-----ELKDE-----GSLAL-----RGD-----IPR-LEYTVVEECTC 76
QY 129 EDCIKSKPKVSDHCFPLPAMEEGATILVTTKTNDY 164
Db 77 EDC-KSKPK-DSDH-FPLPAMEEGATILVTTKT-DY 108

Search completed: February 15, 2006, 10:08:54
Job time : 95.3915 secs

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GenCore version 5.1.7
Copyright (c) 1993 - 2006 Bioceleration Ltd.

OM protein - protein search, using sw model

Run on: February 14, 2006, 17:45:25 ; Search time 16.4426 Seconds
(without alignments)
146.847 Million cell updates/sec

Title: US-10-077-438-1

Perfect score: 964

Sequence: 1 MLQWAGQCSQNEYFDSLHA.....CKSLPAALSATEIEKSISAR 184

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 97014 seqs, 13122538 residues

Total number of hits satisfying chosen parameters: 97014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Maximum Match 0%

Listing first 45 summaries

Database : Published Applications AA New:*

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- 4: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB pep.*
- 7: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB pep.*
- 8: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	964	100.0	184	6	US-10-742-634-9
2	964	100.0	184	6	US-10-967-527A-8
3	605	62.8	185	6	US-10-967-527A-10
4	230	23.9	40	6	US-10-967-527A-9
5	116.5	12.1	175	6	US-10-967-527A-7
6	93	9.6	184	6	US-10-742-634-5
7	93	9.6	184	6	US-10-967-527A-5
8	86.5	9.0	858	7	US-11-054-281-135
9	86.5	9.0	867	7	US-11-054-281-134
10	78.5	8.1	292	6	US-10-967-527A-19
11	78.5	8.1	293	6	US-10-742-634-7
12	78.5	8.1	293	7	US-11-221-849-2
13	77	8.0	249	6	US-10-967-527A-21
14	75	7.8	450	6	US-10-763-712A-76
15	71.5	7.4	314	6	US-10-055-877-56
16	70.5	7.3	934	6	US-10-453-372-1158
17	68.5	7.1	409	6	US-10-878-556A-55
18	68	7.1	2417	6	US-10-453-372-228
19	67.5	7.0	48	6	US-10-967-527A-20
20	67.5	7.0	297	6	US-10-967-527A-17
21	67	7.0	374	7	US-10-098-686-10930
22	67	7.0	1066	7	US-11-055-822-370
23	67	7.0	1066	7	US-11-055-822-1002
24	67	7.0	1113	7	US-11-055-822-368
25	67	7.0	1113	7	US-11-055-822-1000

ALIGNMENTS

RESULT 1

US-10-742-634-9
; Sequence 9, Application US/10742634
; Publication No. US20050249671A9

; GENERAL INFORMATION:

; APPLICANT: Parmelee, David

; APPLICANT: Yeh, Ren-Hwa

; APPLICANT: Galperina, Olga

; APPLICANT: Hilbert, David

; APPLICANT: Rosen, Craig A.

; TITLE OF INVENTION: Neutrokin-alpha Conjugate, Neutrokin-alpha Complex, and Uses The

; FILE REFERENCE: 1488.1810002

; CURRENT APPLICATION NUMBER: US/10742,634

; PRIOR FILING DATE: 2003-12-22

; PRIOR APPLICATION NUMBER: US 60/435,262

; PRIOR FILING DATE: 2002-12-23

; PRIOR APPLICATION NUMBER: US 60/467,198

; PRIOR FILING DATE: 2003-05-02

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 9

; LENGTH: 184

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-742-634-9

Query Match 100.0%; Score 964; DB 6; Length 184;

Best Local Similarity 100.0%; Pred. No. 5.5e-94;

Matches 184; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPTLTTCORYCNASVTNSVKGTNAILWTCL	60
Db	1	MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPTLTTCORYCNASVTNSVKGTNAILWTCL	60
Qy	61	GLSLIIISLAVFVLMFLLRKISSEPLKDBFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE	120
Db	61	GLSLIIISLAVFVLMFLLRKISSEPLKDBFKNTGSGLLGMANIDLEKSRGTGDEIILPRGLE	120
Qy	121	YTVEECTCEBCIKSPKVDSDHCFPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS	180
Db	121	YTVEECTCEBCIKSPKVDSDHCFPLPAMEGATILVTTKTNDYCKSLPAALSATEIEKS	180
Qy	181	ISAR	184
Db	181	ISAR	184

RESULT 2

QY 18 LHACIPQLRCSSNTPLTTCORYCNASVTSVKGNTNAILWTCLGLSLIISLAVFVLMFL 77
Db 117 LVGCFWCRC-----CNK-CGSEMHQKQKQNAFCRRKCLGLSLVLCILMSLGIY 167
QY 78 RKISSEPLKDEFKNTGSLGLGMANIDLEKSGTGD-EIIL---PRGLEVTVEECTCE---- 129
Db 168 GFVANQOTRIKGTQK-----LAKSNFRDFQTLTETPKQIDYVVEQYNTNKKA 218
QY 130 -----DCIKS-----KPKVDSHCFPLPAMEEGATILVTTK-TNDYCKSLPAAL-- 172
Db 219 FSDLDGIGSVLGGRIKQDKPKV-----TPVLEEIKAMATAIKQTKDALQNMSSLSKS 271
QY 173 ---SATEIEKSISA 183
Db 272 LQDAATQLTNLS 285

RESULT 9

US-11-054-281-134
; Sequence 134, Application US/11054281
; Publication No. US20060013813A1
; GENERAL INFORMATION:
; APPLICANT: Mezes et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-240CIP
; CURRENT APPLICATION NUMBER: US/11/054,281
; PRIOR FILING DATE: 2005-02-08
; PRIOR APPLICATION NUMBER: 60/261,014
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,018
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/318,410
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/261,013
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,026
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/261,029
; PRIOR FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: 60/313,170
; PRIOR FILING DATE: 2001-08-17
; PRIOR APPLICATION NUMBER: 10/044,564
; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 324
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 134
; LENGTH: 867
; TYPE: PRT
; ORGANISM: Mus musculus
US-11-054-281-134

Query Match 9.0%; Score 86.5; DB 7; Length 867;
Best Local Similarity 22.7%; Pred. No. 0.34;
Matches 44; Conservative 30; Mismatches 67; Indels 53; Gaps 10;
QY 18 LHACIPQLRCSSNTPLTTCORYCNASVTSVKGNTNAILWTCLGLSLIISLAVFVLMFL 77
Db 126 LVGCFWCRC-----CNK-CGSEMHQKQKQNAFCRRKCLGLSLVLCILMSLGIY 176
QY 78 RKISSEPLKDEFKNTGSLGLGMANIDLEKSGTGD-EIIL---PRGLEVTVEECTCE---- 129
Db 177 GFVANQOTRIKGTQK-----LAKSNFRDFQTLTETPKQIDYVVEQYNTNKKA 227
QY 130 -----DCIKS-----KPKVDSHCFPLPAMEEGATILVTTK-TNDYCKSLPAAL-- 172
Db 228 FSDLDGIGSVLGGRIKQDKPKV-----TPVLEEIKAMATAIKQTKDALQNMSSLSKS 280
QY 173 ---SATEIEKSISA 183
Db 281 LQDAATQLTNLS 294

.RESULT 10

US-10-967-527A-19
; Sequence 19, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; PRIOR FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 292
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-967-527A-19

Query Match 8.1%; Score 78.5; DB 6; Length 292;
Best Local Similarity 19.9%; Pred. No. 0.6;
Matches 41; Conservative 35; Mismatches 73; Indels 57; Gaps 10;
QY 8 CSQNEYFDSLHACIPQLRCSSNTPLTTCORYCNASVTSVKG-T--NAILWTCLGLSLI 65
Db 34 CPBEQYWDPLLTGTCMSCKTICNHQS-QRTCAAFCSRSLSCRKEQKQFYDHLRLDCISCASI 92
QY 66 I-----SLAVFVLMFL-----LRKISSEPLKDEFKNTGSGLLGMANIDLEKS----- 107
Db 93 CGQHPKQCAIFYCENKLRSPVNLPPELRRQRSGVEVNSDNGR-YQGLEHRGSEASPALP 151
QY 108 ---RTGDEIILPRG-----LEYTVEECTCEDCIKSKP-----KVD 139
Db 152 GLKLSADQVALVYSTGLCLCAVLCCFLVAVACFLKKGDPCCSQP---RSRPRSPAKSS 209
QY 140 SDHCFPLPAMEEGATILVTTKTNDYC 165
Db 210 QDH-----AMEAGSPVSTSPPEVETC 230

RESULT 11

US-10-742-634-7
; Sequence 7, Application US/10742634
; Publication No. US20050249671A9
; GENERAL INFORMATION:
; APPLICANT: Parmelee, David
; APPLICANT: Yeh, Ren-Hwa
; APPLICANT: Galperina, Olga
; APPLICANT: Hilbert, David
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Neurokine-alpha Conjugate, Neurokine-alpha Complex, and Uses The
; FILE REFERENCE: 1488.1810002
; CURRENT APPLICATION NUMBER: US/10/742,634
; CURRENT FILING DATE: 2003-12-22
; PRIOR APPLICATION NUMBER: US 60/435,262
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/467,198
; PRIOR FILING DATE: 2003-05-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 293
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-7

Query Match 8.1%; Score 78.5; DB 6; Length 293;
Best Local Similarity 19.9%; Pred. No. 0.6;
Matches 41; Conservative 35; Mismatches 73; Indels 57; Gaps 10;


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134 GS-----I LDKTEPMLNLNFNNETVIAAPAIAGQFQENVSLEMLRTAFK 181
Db
QY 110 -----GDEIILPRLGLEYT-----VEECTCEDCIKSKPKVSD---HC 143
: : : : : : : : : : : : : : : : : : : : : : : : : :
Db 182 KVGFDADMEVAFADMLTIKEAFENELNWSKDDLMTISCCPMWVMIRKIYKDLARHV 241
QY 144 FP--LPAMEEGATILVTTKTNDYCK 166
Db 242 SFSVSPMIASGRVI---KKLNPNCCK 263

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RESULT 15

US-10-055-877-56
; Sequence 56, Application US/10055877
; Publication No. US20050288241A1
; GENERAL INFORMATION:
; APPLICANT: DeCristofaro, Marc
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Miller, Charles
; APPLICANT: Tchernev, Velizar
; APPLICANT: Zhong, Mei
; APPLICANT: Anderson, David
; APPLICANT: Ballinger, Robert
; APPLICANT: Gerlach, Valerie
; APPLICANT: Spytek, Kimberly
; APPLICANT: Katelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Guo, Xiaojia
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Andrew, David
; APPLICANT: Mezes, Peter
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine
; APPLICANT: Eisen, Andrew
; APPLICANT: Wolenc, Adam
; APPLICANT: Baumgartner, Jason
; APPLICANT: Shinkets, Richard
; APPLICANT: Gusev, Vladimir
; APPLICANT: Vernet, Corine
; APPLICANT: Taupier Jr., Raymond
; APPLICANT: Pena, Carol
; APPLICANT: Shenoy, Suresh
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ferenc
; TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
; FILE REFERENCE: 21402-251
; CURRENT APPLICATION NUMBER: US/10/055,877
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262,892
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/263,598
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/263,799
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/264,117
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,139
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,478
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/263,351
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/272,870
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 60/275,990
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/275,927
; PRIOR FILING DATE: 2001-03-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 512
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 56

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Copyright (c) 1993 - 2006 Bioceleration Ltd.

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281.577 Million cell updates/sec

Title: US-10-077-438-1_COPY_1_51

Perfect score: 283

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Scoring table: BLOSUM62

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Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 4: /cgn2_6/ptodata/1/iaa/PCTUS_COMB.pep.*
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- 6: /cgn2_6/ptodata/1/iaa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	283	100.0	184	2	US-09-565-423-11
2	283	100.0	192	2	US-09-949-016-11115
3	269	95.1	51	2	US-09-854-864-6
4	269	95.1	181	2	US-09-854-864-5
5	269	95.1	283	2	US-09-854-864-9
6	249	88.0	58	2	US-09-854-864-21
7	201	71.0	34	2	US-09-854-864-7
8	201	71.0	81	2	US-09-854-864-13
9	181	64.0	185	2	US-09-565-423-17
10	181	64.0	185	2	US-09-854-864-11
11	181	64.0	281	2	US-09-854-864-10
12	104	36.7	117	2	US-09-854-864-12
13	67.5	23.9	59	2	US-09-854-864-20
14	67.5	23.9	166	1	US-08-810-572A-6
15	67.5	23.9	166	2	US-09-290-333-6
16	67.5	23.9	166	2	US-09-782-857A-6
17	67.5	23.9	166	2	US-09-854-864-15
18	67.5	23.9	293	1	US-08-810-572A-2
19	67.5	23.9	293	2	US-09-290-333-2
20	67.5	23.9	293	2	US-09-782-857A-2
21	67.5	23.9	293	2	US-09-879-919-22
22	67.5	23.9	293	2	US-09-848-235-4
23	67.5	23.9	293	2	US-09-854-864-14
24	67.5	23.9	397	2	US-09-854-864-18
25	66.5	23.5	67	2	US-09-854-864-16
26	64.5	22.8	581	2	US-10-104-047-2804
27	64.5	22.8	880	2	US-10-104-047-2834

28	63	22.3	1106	2	US-09-949-016-9626	Sequence 9626, Ap
29	61.5	21.7	99	2	US-09-950-933A-82	Sequence 82, Appl
30	59	20.8	556	2	US-09-252-991A-18110	Sequence 18110, A
31	58.5	20.7	670	2	US-09-270-767-41037	Sequence 41037, A
32	58.5	20.7	670	2	US-09-270-767-56253	Sequence 56253, A
33	58	20.5	1792	2	US-09-561-818A-4	Sequence 4, Appli
34	58	20.5	1800	2	US-09-561-818A-8	Sequence 8, Appli
35	58	20.5	1816	2	US-09-561-818A-2	Sequence 2, Appli
36	58	20.5	1824	2	US-09-561-818A-6	Sequence 6, Appli
37	57.5	20.3	142	2	US-09-848-235-2	Sequence 2, Appli
38	57	20.1	201	2	US-09-270-767-31650	Sequence 31650, A
39	57	20.1	201	2	US-09-270-767-46867	Sequence 46867, A
40	57	20.1	760	2	US-09-589-892B-11	Sequence 11, Appl
41	56	19.8	2476	1	US-08-276-967-2	Sequence 2, Appli
42	56	19.8	3597	2	US-10-037-417-6	Sequence 6, Appli
43	56	19.8	3600	2	US-10-037-417-6	Sequence 2, Appli
44	55.5	19.6	3647	2	US-09-949-016-10932	Sequence 10932, A
45	55.5	19.6	5405	2	US-08-718-388-9	Sequence 9, Appli

ALIGNMENTS

RESULT 1

US-09-565-423-11

; Sequence 11, Application US/09565423

; Patent No. 6475987

; GENERAL INFORMATION:

; APPLICANT: Shu, Hong-Bing

; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND METHODS OF USE THEREOF

; FILE REFERENCE: 2879-72

; CURRENT APPLICATION NUMBER: US/09/565,423

; CURRENT FILING DATE: 2000-05-05

; PRIOR APPLICATION NUMBER: UNKNOWN

; PRIOR FILING DATE: 2000-05-01

; PRIOR APPLICATION NUMBER: 60/132,892

; PRIOR FILING DATE: 1999-05-06

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 11

; LENGTH: 184

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-565-423-11

Query Match 100.0%; Score 283; DB 2; Length 184;

Best Local Similarity 100.0%; Pred. No. 4e-26;

Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLOWAGCSQNEYFDSLHACIPQRCSSNTPPLTCQRYCNASVTSVKG 51

DB 1 MLOWAGCSQNEYFDSLHACIPQRCSSNTPPLTCQRYCNASVTSVKG 51

RESULT 2

US-09-949-016-11115

; Sequence 11115, Application US/09949016

; Patent No. 6812339

; GENERAL INFORMATION:

; APPLICANT: VENTER, J. Craig et al.

; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF

; FILE REFERENCE: CLO01307

; CURRENT APPLICATION NUMBER: US/09/949,016

; CURRENT FILING DATE: 2000-04-14

; PRIOR APPLICATION NUMBER: 60/241,755

; PRIOR FILING DATE: 2000-10-20

; PRIOR APPLICATION NUMBER: 60/237,768

; PRIOR FILING DATE: 2000-10-03

; PRIOR APPLICATION NUMBER: 60/231,498

; PRIOR FILING DATE: 2000-09-08

; NUMBER OF SEQ ID NOS: 207012

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11115
; LENGTH: 192
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11115

Query Match      100.0%; Score 283; DB 2; Length 192;
Best Local Similarity 100.0%; Pred. No. 4.2e-26;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLWAGQCSQNEYFDSLHACIPQQLRCSNTPTLTQRYCNASVTNSVKG 51
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Db 9 MLWAGQCSQNEYFDSLHACIPQQLRCSNTPTLTQRYCNASVTNSVKG 59
|

RESULT 3
US-09-854-864-6
; Sequence 6, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-6868
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 51
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-6

Query Match      95.1%; Score 269; DB 2; Length 51;
Best Local Similarity 100.0%; Pred. No. 4.7e-25;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 MAGQCSQNEYFDSLHACIPQQLRCSNTPTLTQRYCNASVTNSVKG 51
|
Db 1 MAGQCSQNEYFDSLHACIPQQLRCSNTPTLTQRYCNASVTNSVKG 48
|

RESULT 4
US-09-854-864-5
; Sequence 5, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-6868
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-5

Query Match      95.1%; Score 269; DB 2; Length 181;
Best Local Similarity 100.0%; Pred. No. 1.8e-24;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 MAGQCSQNEYFDSLHACIPQQLRCSNTPTLTQRYCNASVTNSVKG 51
|
Db 1 MAGQCSQNEYFDSLHACIPQQLRCSNTPTLTQRYCNASVTNSVKG 48
|

RESULT 5
US-09-854-864-9
; Sequence 9, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-6868
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 283
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-9

Query Match      95.1%; Score 269; DB 2; Length 283;
Best Local Similarity 100.0%; Pred. No. 2.9e-24;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 MAGQCSQNEYFDSLHACIPQQLRCSNTPTLTQRYCNASVTNSVKG 51
|
Db 1 MAGQCSQNEYFDSLHACIPQQLRCSNTPTLTQRYCNASVTNSVKG 48
|

RESULT 6
US-09-854-864-21
; Sequence 21, Application US/09854864
; Patent No. 6774106
; GENERAL INFORMATION:
; APPLICANT: THEILL, LARS EYDE
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
; TITLE OF INVENTION: BLYS/AGP-3, AND TACI
; FILE REFERENCE: A-6868
; CURRENT APPLICATION NUMBER: US/09/854,864
; PRIOR FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 58
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-21

Query Match      88.0%; Score 249; DB 2; Length 58;
Best Local Similarity 100.0%; Pred. No. 1.3e-22;
Matches 44; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 8 CSQNEYFDSLHACIPQQLRCSNTPTLTQRYCNASVTNSVKG 51
|
Db 1 CSQNEYFDSLHACIPQQLRCSNTPTLTQRYCNASVTNSVKG 44
|
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APPLICANT: Shu, Hong-Bing
TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
METHODS OF INVENTION: METHODS OF USE THEREOF
FILE REFERENCE: 2879-72
CURRENT APPLICATION NUMBER: US/09/565,423
CURRENT FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: UNKNOWN
PRIOR FILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: 60/132,892
PRIOR FILING DATE: 1999-05-06
NUMBER OF SEQ ID NOS: 17
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 17
LENGTH: 185
TYPE: PRT
ORGANISM: Mus musculus
US-09-565-423-17

Query Match 64.0%; Score 181; DB 2; Length 185;
Best Local Similarity 70.8%; Pred. No. 5.2e-14;
Matches 34; Conservative 4; Mismatches 8; Indels 2; Gaps 1;

Qy 4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTSVKG 51
Db 1 MAQCQFHSEYFDSLHACKPCHLRCSN--PPATCQPYCDPSVTSSVKG 46

RESULT 10
US-09-854-864-11
Sequence 11, Application US/09854864
Patent No. 6774106
GENERAL INFORMATION:
APPLICANT: THEILL, LARS EYDE
APPLICANT: YU, GANG
TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
FILE REFERENCE: A-686B
CURRENT APPLICATION NUMBER: US/09/854,864
CURRENT FILING DATE: 2001-09-11
PRIOR APPLICATION NUMBER: US 60/204,039
PRIOR FILING DATE: 2000-05-12
PRIOR APPLICATION NUMBER: US 60/214,591
PRIOR FILING DATE: 2000-06-27
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn version 3.1
SEQ ID NO 11
LENGTH: 185
TYPE: PRT
ORGANISM: Murine
US-09-854-864-11

Query Match 64.0%; Score 181; DB 2; Length 185;
Best Local Similarity 70.8%; Pred. No. 5.2e-14;
Matches 34; Conservative 4; Mismatches 8; Indels 2; Gaps 1;

Qy 4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTSVKG 51
Db 1 MAQCQFHSEYFDSLHACKPCHLRCSN--PPATCQPYCDPSVTSSVKG 46

RESULT 11
US-09-854-864-10
Sequence 10, Application US/09854864
Patent No. 6774106
GENERAL INFORMATION:
APPLICANT: THEILL, LARS EYDE
APPLICANT: YU, GANG
TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
FILE REFERENCE: A-686B
CURRENT APPLICATION NUMBER: US/09/854,864
CURRENT FILING DATE: 2001-09-11
PRIOR APPLICATION NUMBER: US 60/204,039

RESULT 7
US-09-854-864-7
Sequence 7, Application US/09854864
Patent No. 6774106
GENERAL INFORMATION:
APPLICANT: THEILL, LARS EYDE
APPLICANT: YU, GANG
TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
METHODS OF INVENTION: BLYS/AGP-3, AND TACI
FILE REFERENCE: A-686B
CURRENT APPLICATION NUMBER: US/09/854,864
CURRENT FILING DATE: 2001-09-11
PRIOR APPLICATION NUMBER: US 60/204,039
PRIOR FILING DATE: 2000-05-12
PRIOR APPLICATION NUMBER: US 60/214,591
PRIOR FILING DATE: 2000-06-27
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn version 3.1
SEQ ID NO 7
LENGTH: 34
TYPE: PRT
ORGANISM: Homo sapiens
US-09-854-864-7

Query Match 71.0%; Score 201; DB 2; Length 34;
Best Local Similarity 100.0%; Pred. No. 3.7e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CSQNEYFDSLHACIPQCLRCSSNTPLTCQRYC 41
Db 1 CSQNEYFDSLHACIPQCLRCSSNTPLTCQRYC 34

RESULT 8
US-09-854-864-13
Sequence 13, Application US/09854864
Patent No. 6774106
GENERAL INFORMATION:
APPLICANT: THEILL, LARS EYDE
APPLICANT: YU, GANG
TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA,
METHODS OF INVENTION: BLYS/AGP-3, AND TACI
FILE REFERENCE: A-686B
CURRENT APPLICATION NUMBER: US/09/854,864
CURRENT FILING DATE: 2001-09-11
PRIOR APPLICATION NUMBER: US 60/204,039
PRIOR FILING DATE: 2000-05-12
PRIOR APPLICATION NUMBER: US 60/214,591
PRIOR FILING DATE: 2000-06-27
NUMBER OF SEQ ID NOS: 31
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 81
TYPE: PRT
ORGANISM: Consensus
US-09-854-864-13

Query Match 71.0%; Score 201; DB 2; Length 81;
Best Local Similarity 100.0%; Pred. No. 9.2e-17;
Matches 34; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 8 CSQNEYFDSLHACIPQCLRCSSNTPLTCQRYC 41
Db 1 CSQNEYFDSLHACIPQCLRCSSNTPLTCQRYC 34

RESULT 9
US-09-565-423-17
Sequence 17, Application US/09565423
Patent No. 6475987
GENERAL INFORMATION:


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1 / Patent No. 6316222
2 /
3 / GENERAL INFORMATION:
4 / APPLICANT: Bram, Richard J.
5 / von Bulow, Gotz
6 /
7 / TITLE OF INVENTION: A LYMPHOCYTE SURFACE RECEPTOR THAT BINDS
8 / CAML, NUCLEIC ACIDS ENCODING THE SAME AND METHODS OF USE
9 / THEREOF
10 /
11 / NUMBER OF SEQUENCES: 11
12 / CORRESPONDENCE ADDRESS:
13 / ADDRESSEE: David A. Jackson, Esq.
14 / STREET: 411 Hackensack Ave, Continental Plaza, 4th
15 / Floor
16 / CITY: Hackensack
17 / STATE: New Jersey
18 / COUNTRY: USA
19 / ZIP: 07601
20 /
21 / COMPUTER READABLE FORM:
22 / MEDIUM TYPE: Floppy disk
23 / COMPUTER: IBM PC compatible
24 / OPERATING SYSTEM: PC-DOS/MS-DOS
25 / SOFTWARE: PatentIn Release #1.0, Version #1.30
26 /
27 / CURRENT APPLICATION DATA:
28 / APPLICATION NUMBER: US/09/290,333
29 / FILING DATE: 12-Apr-1999
30 / CLASSIFICATION: <Unknown>
31 /
32 / ATTORNEY/AGENT INFORMATION:
33 / NAME: Jackson Esq., David A.
34 / REGISTRATION NUMBER: 26,742
35 / REFERENCE/DOCKET NUMBER: 1340-1-007 PCT
36 /
37 / TELECOMMUNICATION INFORMATION:
38 / TELEPHONE: 201-487-5800
39 / TELEFAX: 201-343-1684
40 /
41 / INFORMATION FOR SEQ ID NO: 6:
42 / SEQUENCE CHARACTERISTICS:
43 / LENGTH: 166 amino acids
44 / TYPE: amino acid
45 / STRANDEDNESS: single
46 / TOPOLOGY: linear
47 /
48 / MOLECULE TYPE: peptide
49 / HYPOTHETICAL: NO
50 / FRAGMENT TYPE: N-terminal
51 / ORIGINAL SOURCE:
52 / ORGANISM: Homo sapiens
53 /
54 / SEQUENCE DESCRIPTION: SEQ ID NO: 6:
55 / US-09-290-333-6

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Query Match 23.9%; Score 67.5; DB 2; Length 166;
Best Local Similarity 30.6%; Pred. No. 1.4;
Matches 11; Conservative 9; Mismatches 15; Indels 1; Gaps 1;

Qy 8 CSQNEYPDSLHACIPQQLRCSSNTPPLTCQRYCNA 43
| : : | | | : : | : : | : : | : : | : : | : :
Db 34 CPREQYWPPLGLTCWSCKTCINHGQ-ORTCAAFCRS 68

Search completed: February 14, 2006, 17:30:16
Job time : 15.9745 secs

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GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 15, 2006, 09:58:15 ; Search time 25.6085 Seconds
(without alignments)
832.118 Million cell updates/sec

Title: US-10-077-438-1_COPY_1_51
Perfect score: 283

Sequence: 1 MLQWAGQCSQNEYFDSLHA.....TPPLTCQRYCNASVTNSVKG 51

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA Main:

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	283	100.0	184	4	US-10-077-438-1
2	283	100.0	184	4	US-10-077-438-7
3	283	100.0	184	4	US-10-077-137-1
4	283	100.0	184	4	US-10-077-137-7
5	283	100.0	184	4	US-10-068-725-2
6	283	100.0	184	4	US-10-151-882-47
7	283	100.0	184	4	US-10-115-192-8
8	283	100.0	184	4	US-10-008-063-7
9	283	100.0	184	4	US-10-152-363A-27
10	283	100.0	184	4	US-10-216-074-11
11	283	100.0	184	4	US-10-087-080-39
12	283	100.0	184	4	US-10-742-634-9
13	283	100.0	184	5	US-10-626-914-6
14	283	100.0	184	5	US-10-485-489-6
15	283	100.0	184	5	US-10-861-049-27
16	283	100.0	184	5	US-10-989-826-46
17	283	100.0	184	6	US-11-021-874-27
18	283	100.0	302	4	US-10-115-192-12
19	269	95.1	51	3	US-09-854-864-6
20	269	95.1	51	3	US-09-855-158-6
21	269	95.1	181	3	US-09-854-864-5
22	269	95.1	181	3	US-09-855-158-5
23	269	95.1	283	3	US-09-854-864-9
24	269	95.1	283	3	US-09-855-158-9
25	263	92.9	207	4	US-10-077-438-3
26	263	92.9	207	4	US-10-077-137-3
27	249	88.0	58	3	US-09-854-864-21

28 249 88.0 58 3 US-09-855-158-21 Sequence 21, Appl
29 201 71.0 34 3 US-09-854-864-7 Sequence 7, Appl
30 201 71.0 34 3 US-09-855-158-7 Sequence 7, Appl
31 201 71.0 81 3 US-09-854-864-13 Sequence 13, Appl
32 201 71.0 81 3 US-09-855-158-13 Sequence 13, Appl
33 181 64.0 185 3 US-09-854-864-11 Sequence 11, Appl
34 181 64.0 185 3 US-09-855-158-11 Sequence 11, Appl
35 181 64.0 185 4 US-10-216-074-17 Sequence 17, Appl
36 181 64.0 281 3 US-09-854-864-10 Sequence 10, Appl
37 181 64.0 281 3 US-09-855-158-10 Sequence 10, Appl
38 158 55.8 42 4 US-10-145-206-137 Sequence 197, Appl
39 104 36.7 117 3 US-09-854-864-12 Sequence 12, Appl
40 104 36.7 117 3 US-09-855-158-12 Sequence 12, Appl
41 71.5 25.3 249 4 US-10-087-192-1647 Sequence 1647, Ap
42 70.5 24.9 1548 4 US-10-180-903-2 Sequence 2, Appl
43 69.5 24.6 5374 4 US-10-028-248A-75 Sequence 75, Appl
44 69.5 24.6 5374 4 US-10-107-782-75 Sequence 75, Appl
45 69.5 24.6 5376 4 US-10-028-248A-74 Sequence 74, Appl

ALIGNMENTS

RESULT 1
US-10-077-438-1
; Sequence 1, Application US/10077438
; Publication No. US20020165156A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; TITLE OF INVENTION: Immunoregulatory Agent
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,438
; PRIOR FILING DATE: 2002-02-18
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-438-1

Query Match 100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCORYCNASVTNSVKG 51
Db 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCORYCNASVTNSVKG 51

RESULT 2
US-10-077-438-7
; Sequence 7, Application US/10077438
; Publication No. US20020165156A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschopp, Jurg

```

; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,438
; CURRENT FILING DATE: 2002-02-18
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-438-7

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
   |||||
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 3
US-10-077-137-1
; Sequence 1, Application US/10077137
; Publication No. US20020172674A1
; GENERAL INFORMATION:
; APPLICANT: Mackay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschoopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,137
; CURRENT FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-137-1

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
   |||||
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 4
US-10-077-137-7
; Sequence 7, Application US/10077137
; Publication No. US20020172674A1
; GENERAL INFORMATION:
; APPLICANT: Mackay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschoopp, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,137
; CURRENT FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-137-7

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
   |||||
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 5
US-10-068-725-2
; Sequence 2, Application US/10068725
; Publication No. US20030012783A1
; GENERAL INFORMATION:
; APPLICANT: Kindsvogel, Wayne
; TITLE OF INVENTION: Antibodies That Bind Both BCMA and TACI
; FILE REFERENCE: 01-04
; CURRENT APPLICATION NUMBER: US/10/068,725
; CURRENT FILING DATE: 2002-02-06
; PRIOR APPLICATION NUMBER: 60/270,274
; PRIOR FILING DATE: 2001-02-20
; PRIOR APPLICATION NUMBER: 60/283,447
; PRIOR FILING DATE: 2001-04-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-068-725-2

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51
   |||||
Db 1 MLQWAGCQSQNEYFDSLHACIPQCLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 6
US-10-068-725-2
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US-10-151-882-47
; Sequence 47, Application US/10151882
; Publication No. US20030059862A1
; GENERAL INFORMATION:
; APPLICANT: Ruben, Steven M.
; TITLE OF INVENTION: Antibodies Against Tumor Necrosis Factor Delta (APRIL)
; FILE REFERENCE: PF554
; CURRENT APPLICATION NUMBER: US/10/151,882
; CURRENT FILING DATE: 2002-05-22
; PRIOR APPLICATION NUMBER: 60/293,100
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 47
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-151-882-47

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 7
US-10-115-192-8
; Sequence 8, Application US/10115192
; Publication No. US20030082175A1
; GENERAL INFORMATION:
; APPLICANT: Apotech R & D S.A.
; TITLE OF INVENTION: April Receptor (BCMA) and Uses Thereof
; FILE REFERENCE: A083PCT
; CURRENT APPLICATION NUMBER: US/10/115,192
; CURRENT FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: 60/215688
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 60/181807
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/157933
; PRIOR FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-115-192-8

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 8
US-10-008-063-7
; Sequence 7, Application US/10008063
; Publication No. US20030092164A1
; GENERAL INFORMATION:
; APPLICANT: Gross, Jane A.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Henne, Randal M.
; APPLICANT: Grant, Francis, J.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor
; FILE REFERENCE: 00-103
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US-10-008-063-7
; CURRENT APPLICATION NUMBER: US/10/008,063
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-008-063-7

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 9
US-10-152-363A-27
; Sequence 27, Application US/10152363A
; Publication No. US20030103986A1
; GENERAL INFORMATION:
; APPLICANT: Rixon, Mark W.
; APPLICANT: Gross, Jane A.
; TITLE OF INVENTION: TACI-Immunoglobulin Fusion Proteins
; FILE REFERENCE: 01-20
; CURRENT APPLICATION NUMBER: US/10/152,363A
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: 60/293,343
; PRIOR FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 27
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-152-363A-27

Query Match      100.0%; Score 283; DB 4; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQWAGQCSQNEYFDSLHACIPQLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 10
US-10-216-074-11
; Sequence 11, Application US/10216074
; Publication No. US20030148445A1
; GENERAL INFORMATION:
; APPLICANT: Shu, Hong-Bing
; TITLE OF INVENTION: TALL-1 NUCLEIC ACID MOLECULES, PROTEINS, RECEPTORS AND
; FILE REFERENCE: 2879-72
; TITLE OF INVENTION: METHODS OF USE THEREOF
; CURRENT APPLICATION NUMBER: US/10/216,074
; CURRENT FILING DATE: 2003-03-12
; PRIOR APPLICATION NUMBER: US/09/565,423
; PRIOR FILING DATE: 2000-05-05
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/132,892
; PRIOR FILING DATE: 1999-05-06
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-216-074-11
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Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 15
US-10-861-049-27
; Sequence 27, Application US/10861049
; Publication No. US20050095243A1
; GENERAL INFORMATION:
; APPLICANT: Andrew Chan
; APPLICANT: Qian Gong
; APPLICANT: Flavius Martin
; TITLE OF INVENTION: COMBINATION THERAPY FOR B CELL DISORDERS
; FILE REFERENCE: P2040R1US
; CURRENT APPLICATION NUMBER: US/10/861,049
; CURRENT FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: US 60/476,531
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: US 60/476,481
; PRIOR FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US 60/476,414
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 27
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-861-049-27

Query Match 100.0%; Score 283; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 16
US-10-989-826-46
; Sequence 46, Application US/10989826
; Publication No. US20050238650A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Crowley, Craig
; APPLICANT: De Sauvage, Frederic J.
; APPLICANT: Eaton, Daniel L.
; APPLICANT: Ebens, Allen
; APPLICANT: Polson, Andrew
; APPLICANT: Smith, Victoria
; TITLE OF INVENTION: Compositions and Methods for the Treatment of Tumor of Hematopoietic Origin
; FILE REFERENCE: P5105R1US
; CURRENT APPLICATION NUMBER: US/10/989,826
; CURRENT FILING DATE: 2004-11-16
; PRIOR APPLICATION NUMBER: US 60/520,842
; PRIOR FILING DATE: 2003-11-17
; PRIOR APPLICATION NUMBER: US 60/532,426
; PRIOR FILING DATE: 2003-12-24
; NUMBER OF SEQ ID NOS: 75
; SEQ ID NO 46
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-989-826-46

Query Match 100.0%; Score 283; DB 5; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 17
US-11-021-874-27
; Sequence 27, Application US/11021874
; Publication No. US20050163775A1
; GENERAL INFORMATION:
; APPLICANT: Andrew Chan
; APPLICANT: Qian Gong
; APPLICANT: Flavius Martin
; TITLE OF INVENTION: COMBINATION THERAPY FOR B CELL DISORDERS
; FILE REFERENCE: P2040R1P1
; CURRENT APPLICATION NUMBER: US/11/021,874
; CURRENT FILING DATE: 2004-12-22
; PRIOR APPLICATION NUMBER: US 10/861,049
; PRIOR FILING DATE: 2004-06-04
; PRIOR APPLICATION NUMBER: US 60/476,531
; PRIOR FILING DATE: 2003-06-06
; PRIOR APPLICATION NUMBER: US 60/476,481
; PRIOR FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US 60/476,414
; PRIOR FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 165
; SEQ ID NO 27
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-021-874-27

Query Match 100.0%; Score 283; DB 6; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.3e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51
DB 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51

RESULT 18
US-10-115-192-12
; Sequence 12, Application US/10115192
; Publication No. US20030082175A1
; GENERAL INFORMATION:
; APPLICANT: Apotech R & D S.A.
; APPLICANT: Biogen, Inc.
; TITLE OF INVENTION: April Receptor (BCMA) and Uses Thereof
; FILE REFERENCE: A083PCT
; CURRENT APPLICATION NUMBER: US/10/115,192
; CURRENT FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: 60/215688
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: 60/181807
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/157933
; PRIOR FILING DATE: 1999-10-06
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 302
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-115-192-12

Query Match 100.0%; Score 283; DB 4; Length 302;
Best Local Similarity 100.0%; Pred. No. 3.7e-25;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 51
DB 24 MLQAGQCSQNEYFDSLHACIPCOLRCSSNTPPLTCORYCNASVTSVKG 74


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; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 9
; LENGTH: 283
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-854-864-9

Query Match          95.1%; Score 269; DB 3; Length 283;
Best Local Similarity 100.0%; Pred. No. 1.6e-23;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 51
Db 1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 48

RESULT 24
US-09-855-158-9
; Sequence 9, Application US/09855158
; Publication No. US20020086018A1
; GENERAL INFORMATION:
; APPLICANT: YU, GANG
; TITLE OF INVENTION: METHODS AND COMPOSITIONS OF MATTER CONCERNING APRIL/G70, BCMA, BL
; FILE REFERENCE: A-686A
; CURRENT APPLICATION NUMBER: US/09/855,158
; CURRENT FILING DATE: 2001-09-11
; PRIOR APPLICATION NUMBER: US 60/214,591
; PRIOR FILING DATE: 2000-06-27
; PRIOR APPLICATION NUMBER: US 60/204,039
; PRIOR FILING DATE: 2000-05-12
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 9
; LENGTH: 283
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-855-158-9

Query Match          95.1%; Score 269; DB 3; Length 283;
Best Local Similarity 100.0%; Pred. No. 1.6e-23;
Matches 48; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 51
Db 1 MAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCORYCNASVTNSVKG 48

RESULT 25
US-10-077-438-3
; Sequence 3, Application US/10077438
; Publication No. US20020165156A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschoep, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,438
; CURRENT FILING DATE: 2002-02-18
; PRIOR APPLICATION NUMBER: 60/149,378
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; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 207
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-438-3

Query Match          92.9%; Score 263; DB 4; Length 207;
Best Local Similarity 71.8%; Pred. No. 5.8e-23;
Matches 51; Conservative 0; Mismatches 0; Indels 20; Gaps 1;

Qy 1 MLQAGQCSQNEYFDSL-----LHACIPQCLRCSSNTPLTCORY 40
Db 39 MLQAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCORY 98

Qy 41 CNASVTNSVKG 51
Db 99 CNASVTNSVKG 109

RESULT 26
US-10-077-137-3
; Sequence 3, Application US/10077137
; Publication No. US20020172674A1
; GENERAL INFORMATION:
; APPLICANT: MacKay, Fabienne
; APPLICANT: Browning, Jeffrey
; APPLICANT: Ambrose, Christine
; APPLICANT: Tschoep, Jurg
; APPLICANT: Schneider, Pascal
; APPLICANT: Thompson, Jeffrey
; APPLICANT: Biogen, Inc.
; APPLICANT: Apotech R&D S.A.
; TITLE OF INVENTION: Baff Receptor (BCMA), An
; FILE REFERENCE: A080PCT
; CURRENT APPLICATION NUMBER: US/10/077,137
; CURRENT FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: 60/149,378
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/181,684
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: 60/183,536
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 207
; TYPE: PRT
; ORGANISM: homo sapien
US-10-077-137-3

Query Match          92.9%; Score 263; DB 4; Length 207;
Best Local Similarity 71.8%; Pred. No. 5.8e-23;
Matches 51; Conservative 0; Mismatches 0; Indels 20; Gaps 1;

Qy 1 MLQAGQCSQNEYFDSL-----LHACIPQCLRCSSNTPLTCORY 40
Db 39 MLQAGQCSQNEYFDSLHACIPQCLRCSSNTPLTCORY 98

Qy 41 CNASVTNSVKG 51
Db 99 CNASVTNSVKG 109

Search completed: February 15, 2006, 10:08:54
Job time : 25.6085 secs
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GenCore version 5.1.7
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OM protein - protein search, using sw model

Run on: February 14, 2006, 17:45:25 ; Search time 4.55745 Seconds
(without alignments)
146.847 Million cell updates/sec

Title: US-10-077-438-1_COPY_1_51

Perfect score: 283

Sequence: 1 MLQWAGCQNEYFDSLHA.....TPPLTCQRYCNASVTNSVKG 51

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 97014 seqs, 13122538 residues

Total number of hits satisfying chosen parameters: 97014

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_AA New:*

- 1: /cgn2_6/ptodata/1/pubpaa/US08_NEW_PUB pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/US06_NEW_PUB pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US07_NEW_PUB pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/PCT_NEW_PUB pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US09_NEW_PUB pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB pep.*
- 7: /cgn2_6/ptodata/1/pubpaa/US11_NEW_PUB pep.*
- 8: /cgn2_6/ptodata/1/pubpaa/US60_NEW_PUB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	283	100.0	184	6	US-10-742-634-9
2	283	100.0	184	6	US-10-967-527A-8
3	230	81.3	40	6	US-10-967-527A-9
4	181	64.0	185	6	US-10-967-527A-10
5	71.5	25.3	249	6	US-10-967-527A-20
6	67.5	23.9	48	6	US-10-967-527A-21
7	67.5	23.9	292	6	US-10-967-527A-19
8	67.5	23.9	293	6	US-10-742-634-7
9	67.5	23.9	293	7	US-11-221-849-2
10	65	23.0	1416	7	US-11-128-059-60
11	65	23.0	1494	7	US-11-128-059-78
12	65	23.0	2086	7	US-11-128-059-82
13	65	23.0	2313	7	US-11-128-059-80
14	65	23.0	2358	7	US-11-128-059-74
15	65	23.0	2417	6	US-10-453-372-228
16	65	23.0	2439	7	US-11-128-059-76
17	65	23.0	2458	7	US-11-128-059-94
18	65	23.0	2551	6	US-10-453-372-256
19	65	23.0	2551	7	US-11-128-059-96
20	64.5	22.8	897	7	US-11-137-465-35
21	64.5	22.8	993	7	US-11-137-465-36
22	63	22.3	175	6	US-10-967-527A-7
23	60.5	21.4	1574	6	US-10-055-877-211
24	60	21.2	934	6	US-10-453-372-1158
25	56	19.8	3597	7	US-11-019-711-6

26	56	19.8	3600	7	US-11-019-711-2	Sequence 2, Appli
27	55.5	19.6	1149	7	US-11-110-082-30	Sequence 30, Appl
28	55.5	19.6	3690	6	US-10-995-561-1016	Sequence 1016, Ap
29	55.5	19.6	3714	6	US-10-995-561-1015	Sequence 1015, Ap
30	55.5	19.6	3717	6	US-10-821-234-1076	Sequence 1076, Ap
31	55.5	19.6	5405	7	US-11-108-172-1116	Sequence 1116, Ap
32	55	19.4	1620	6	US-10-055-877-213	Sequence 213, App
33	55	19.4	1664	6	US-10-055-877-212	Sequence 212, App
34	54.5	19.3	350	7	US-11-153-880-4	Sequence 4, Appli
35	54.5	19.3	350	7	US-11-233-119-4	Sequence 2, Appli
36	54.5	19.3	419	7	US-11-064-769-2	Sequence 2, Appli
37	54.5	19.3	419	7	US-11-153-880-2	Sequence 2, Appli
38	54.5	19.3	419	7	US-11-064-774A-22	Sequence 22, Appl
39	54.5	19.3	419	7	US-11-075-400-8	Sequence 8, Appli
40	54.5	19.3	419	7	US-11-211-724-2	Sequence 2, Appli
41	54.5	19.3	419	7	US-11-246-005-2	Sequence 2, Appli
42	54.5	19.3	419	7	US-11-129-076-11	Sequence 11, Appl
43	54.5	19.3	419	7	US-11-074-373-2	Sequence 2, Appli
44	54.5	19.3	419	7	US-11-076-427A-6	Sequence 6, Appli
45	54.5	19.3	419	7	US-11-233-119-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1

US-10-742-634-9
; Sequence 9, Application US/10742634
; Publication No. US20050249671A9
; GENERAL INFORMATION:
; APPLICANT: Parmelee, David
; APPLICANT: Yeh, Ren-Hwa
; APPLICANT: Galperina, Olga
; APPLICANT: Hilbert, David
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Neurokine-alpha Conjugate, Neurokine-alpha Complex, and Uses The
; FILE REFERENCE: 1488.1810002
; CURRENT FILING DATE: 2003-12-22
; PRIOR FILING DATE: 2003-12-22
; PRIOR APPLICATION NUMBER: US 60/435,262
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/467,198
; PRIOR FILING DATE: 2003-05-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-9

Query Match 100.0%; Score 283; DB 6; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-28;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51
Db 1 MLQWAGCQNEYFDSLHACIPQLRCSSNTPPLTCQRYCNASVTNSVKG 51

RESULT 2

US-10-967-527A-8
; Sequence 8, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnf14, A Tumor Necrosis Factor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18

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; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-967-527A-8

Query Match          100.0%; Score 283; DB 6; Length 184;
Best Local Similarity 100.0%; Pred. No. 2.6e-28;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MLQWAGCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51
Db 1 MLQWAGCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51

RESULT 3
US-10-967-527A-9
; Sequence 9, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 40
; TYPE: PRT
; ORGANISM: homo sapiens
; FEATURE:
; NAME/KEY: DOMAIN
; LOCATION: (1)...(40)
; OTHER INFORMATION: cysteine rich
US-10-967-527A-9

Query Match          81.3%; Score 230; DB 6; Length 40;
Best Local Similarity 100.0%; Pred. No. 2.3e-22;
Matches 40; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 6 GQCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASV 45
Db 1 GQCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASV 40

RESULT 4
US-10-967-527A-10
; Sequence 10, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
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; LENGTH: 185
; TYPE: PRT
; ORGANISM: mus musculus
US-10-967-527A-10

Query Match          64.0%; Score 181; DB 6; Length 185;
Best Local Similarity 70.8%; Pred. No. 1e-15;
Matches 34; Conservative 4; Mismatches 8; Indels 2; Gaps 1;

Qy 4 MAGQCSQNEYFDSLHACIPQLRCSSNTPLTCQRYCNASVTNSVKG 51
Db 1 MAQQCFHSEYFDSLHACKCHLRCSN--PPATCQPYCDPSVTSSVKG 46

RESULT 5
US-10-967-527A-21
; Sequence 21, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 249
; TYPE: PRT
; ORGANISM: mus musculus
US-10-967-527A-21

Query Match          25.3%; Score 71.5; DB 6; Length 249;
Best Local Similarity 35.3%; Pred. No. 0.047;
Matches 12; Conservative 8; Mismatches 13; Indels 1; Gaps 1;

Qy 8 CSQNEYFDSLHACIPQLRCSSNTPLTCQRYC 41
Db 6 CPKQYWDSSRKSCVSCALTCQRS-QRTCTDFC 38

RESULT 6
US-10-967-527A-20
; Sequence 20, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnfr14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 48
; TYPE: PRT
; ORGANISM: homo sapiens
; FEATURE:
; NAME/KEY: DOMAIN
; LOCATION: (1)...(48)
; OTHER INFORMATION: cysteine rich
US-10-967-527A-20
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Dd 34 CPBEQYWDPLLGTGTCMSCKTICNHQS-QRTCAAFCRS 68

RESULT 9
US-11-221-849-2
; Sequence 2, Application US/11221849
; Publication No. US20060003380A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Human Tumor Necrosis Factor Receptor TR17
; FILE REFERENCE: PFS24P1D1
; CURRENT APPLICATION NUMBER: US/11/221,849
; CURRENT FILING DATE: 2005-09-09
; PRIOR APPLICATION NUMBER: 09/961,376
; PRIOR FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: 60/254,874
; PRIOR FILING DATE: 2000-12-13
; PRIOR APPLICATION NUMBER: 60/235,991
; PRIOR FILING DATE: 2000-09-26
; PRIOR APPLICATION NUMBER: 09/533,822
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: 60/188,208
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 293
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-221-849-2

Query Match 23.9%; Score 67.5; DB 7; Length 293;
Best Local Similarity 30.6%; Pred. No. 0.17;
Matches 11; Conservative 9; Mismatches 15; Indels 1;

Qy 8 CSONEYFDSLHACIPQLRCSSNTPPLTCORYCNA 43
| : | : | : | : | : | : | : | : | : | :
Db 34 CPBEQYWDPLLGTGTCMSCKTICNHQS-QRTCAAFCRS 68

RESULT 10
US-11-128-059-60
; Sequence 60, Application US/11128059
; Publication No. US20050287638A1
; GENERAL INFORMATION:
; APPLICANT: WEIGEL, PAUL H
; APPLICANT: WEIGEL, JANET A
; TITLE OF INVENTION: HYALURONAN RECEPTOR FOR ENDOCYTOSIS, VARIANT
; TITLE OF INVENTION: METHODS OF MAKING AND USING SAME
; FILE REFERENCE: 5864.033
; CURRENT APPLICATION NUMBER: US/11/128,059
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: 60/570,915
; PRIOR FILING DATE: 2004-05-13
; PRIOR APPLICATION NUMBER: 10/133,172
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: 60/286,468
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: 09/842,930
; PRIOR FILING DATE: 2001-04-25
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 60
; LENGTH: 1416
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-128-059-60

Query Match 23.0%; Score 65; DB 7; Length 1416;
Best Local Similarity 30.0%; Pred. No. 1.5;
Matches 15; Conservative 4; Mismatches 9; Indels 22;

Ov 18 LHACIPCOL----RCSNTPPLT-----CORYCNASV 45

Search completed: February 14, 2006, 17:49:36
Job time : 5.55745 secs

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